

# Carousel Work-Up Station™

**Simple and convenient, the Carousel Work-Up Station will reduce post synthesis bottle-necks....**

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The Carousel Work-Up Station accepts up to 12 x 70ml columns loaded in to one of two identical stackable racks. The lower rack supports 12 corresponding Carousel Reaction Tubes or standard 1 inch boiling tubes for subsequent sample collection.

The Carousel Work-Up Station facilitates parallel or sequential work-up of up to 12 samples, using filtration, phase separation, liquid/liquid extraction or SPE techniques.

**The unique Carousel Work-Up Station is the perfect tool for rapid parallel work-up post synthesis**



*New*

## SpeediFlow Adapters

The SpeediFlow now includes an expanded range of optional adapters to fit a wide range of standard column sizes...



Aluminium racks are exceptionally stable, with good access and visibility of all columns and tubes.

An optional 3rd rack can be stacked above the 2nd rack for sequential work-up.



Identical racks lock together for ease of operation or transportation from location to location.

Ergonomically designed, lightweight aluminium racks are easy to load with collection tubes or work-up columns.

To locate a second rack on top of the first, pull out the spring loaded knob and rotate 90°.

Use under gravity or with the SpeediFlow Booster, which allows pressurisation of individual columns to increase flow rates and speed up your work-ups.

Each position is numbered 1 to 12 for ease of identification. The racks will only locate in one orientation.

Accepts 70ml columns; including 20µm Filtration, Phase Separation, Liquid/liquid Extraction, Silica, SCX, Aminopropyl and SAX Acetate.

Unique design uses no taps, valves or drip needles, making assembly and operation fast and simple. Minimising cleaning time and consumable costs.

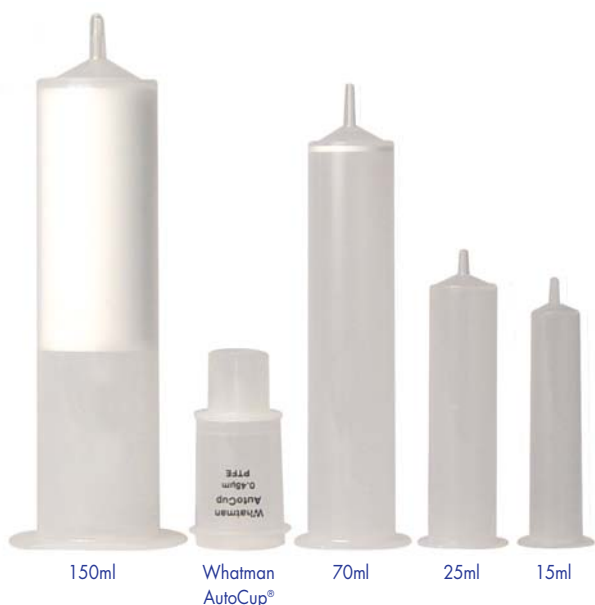
Vacuum free operation makes removal of collections tubes easy, and prevents drying of columns and reduces the risk of bumping.

Accepts 12 x Carousel Reaction Tubes or standard 1 inch boiling tubes.



# The SpeediFlow™ now includes an expanded range of optional adapters to fit a wide range of standard column sizes...

For use with 15ml, 25ml, 70ml and 150ml columns plus the Whatman AutoCup®. Brings added versatility to the SpeediFlow.



Removal of adapters is simple...

## The SpeediFlow™ in Detail...

The SpeediFlow is used to apply positive pressure to Filtration or SPE Columns.

Flow rates through columns can be slow without assistance from vacuum or pressure being applied to the column. Pressure is not normally required for phase separation or liquid/liquid extraction and actually may cause the aqueous phase to be forced through the hydrophobic frit or the bed of diatomaceous earth.

The SpeediFlow is designed to be hand held for easy insertion into columns, but has a locking device to enable unsupported operation. The SpeediFlow fits easily into the top of a standard 70ml plastic column.



Pull out the locking pin, release the handle...

## SpeediFlow™ Specifications

Safety Relief Valve Vents at 6 to 8psi  
 Approx Dimensions 180mm x 60mm OD  
 Weight 580g

**The SpeediFlow now includes an expanded range of optional adapters to fit all standard plastic column sizes including 15ml, 25ml, 70ml and 150ml plus the Whatman AutoCup®. Thus allowing the SpeediFlow to be used in other SPE or filtration applications.**

## Carousel Work-Up Technical Specifications

Height 225mm  
 Height (2 racks) 380mm  
 Width 250mm  
 Depth 180mm  
 Weight 1.4kg  
 Max Tube/Column OD 29mm  
 Max Tube Length 150mm  
 Max Column Length 155mm to tip  
 Capacity 12 x 70ml columns

Cat No	Description	Pk Qty
RR99830	Carousel Work-Up Station (Two racks and SpeediFlow)	1
Carousel Work-Up Station Components & Accessories		
RR99831	Carousel Work-Up Rack	1
RR99850	SpeediFlow	1
SpeediFlow Adapters & Accessories		
RR99840	SpeediFlow Gas Connection Tubing - 5m length	1
RR99852	SpeediFlow Adapter Head (for 15ml Columns)	1
RR99854	SpeediFlow Adapter Head (for 25ml Columns)	1
RR99856	SpeediFlow Adapter Head (for 150ml Columns)	1
RR99858	SpeediFlow Adapter Head (for AutoCup®)	1
RR99862	Replacement Viton O-ring (for 15ml Columns)	5
RR99864	Replacement Viton O-ring (for 25ml Columns)	5
RR99866	Replacement Viton O-ring (for 150ml Columns)	5
RR99868	Replacement Viton O-ring (for AutoCup®)	5

## SpeediFlow™ Features

- Unique SpeediFlow is a hand held pressuriser, easily inserted into columns.
- It features a mechanically expandable Viton O-ring, operated by a trigger with an integral locking device, for unsupported gas tight operation.
- SpeediFlow Booster allows pressurisation of individual columns to increase flow rates and speed up your work-ups.
- SpeediFlow features a safety relief valve that vents at 6 to 8psi, preventing accidental over-pressure.
- Constant pressure is maintained in the column without holding the trigger.



...and the adapter can be easily pulled out.

